

Title (en)

METHODS AND COMPOSITIONS USING LIPOSOME-ENCAPSULATED NON-STEROIDAL ANTI-INFLAMMATORY DRUGS

Publication

EP 0249561 A3 19881026 (EN)

Application

EP 87401327 A 19870612

Priority

- US 6118687 A 19870611
- US 87358486 A 19860612
- US 93415186 A 19861124

Abstract (en)

[origin: EP0249561A2] Methods and compositions are described for the treatment of inflammatory diseases including the use of liposomes to deliver nonsteroidal anti-inflammatory drugs. Drugs may be encapsulated in the liposome during their preparation, or alternatively, are combined with the liposomes following their formation. The composition may include glycolipids such as galactolipids including digalactosyl diglyceride, and the liposomes may be made by a number of procedures and rendered free of exogenous nonsteroidal anti-inflammatory drugs. The composition may be administered to mammals including humans.

IPC 1-7

A61K 9/50; A61K 47/00; A61K 45/08

IPC 8 full level

A61K 9/127 (2006.01)

CPC (source: EP)

A61K 9/1271 (2013.01); **A61K 9/1272** (2013.01); **A61K 9/1277** (2013.01); **A61K 2039/55555** (2013.01)

Citation (search report)

- [X] WO 8402076 A1 19840607 - FLUIDCARBON INTERNATIONAL AB [SE]
- [YD] US 4378354 A 19830329 - GHYCZY MIKLOS [DE], et al
- [YD] US 4377567 A 19830322 - GEHO WALTER B
- [YD] WO 8504578 A1 19851024 - LIPOSOME CO INC [US]
- [AD] WO 8500751 A1 19850228 - LIPOSOME CO INC [US]
- [AD] EP 0092453 A2 19831026 - LIPOSOME CORP [US]
- [AD] EP 0092121 A1 19831026 - UNIV TEXAS [US]
- [X] CHEMICAL ABSTRACTS, Vol. 98, No. 6, 7th February 1983, page 364, Abstract No. 40611e, Columbus, Ohio, US; & JP-A-57 179 114 (GREEN CROSS CORP.) 04-11-1982,
- [YD] Science, Vol. 219, 18th March 1983, pages 1327-1329, Washington, DC, US, L. LICHTENBERGER et al.: "Role of surface-active phospholipids in gastric cytoprotection".
- [Y] CHEMICAL ABSTRACTS, Vol. 99, No. 12, 19th September 1983, page 344, Abstract No. 93646x, Columbus, Ohio, US, Y. MIZUSHIMA et al.: "Antiinflammatory effects of indomethacin ester incorporated in a lipid microsphere", & J. Pharm. Pharmacol. 1983, 35(6), 398-9,

Cited by

US6068860A; DE4420727A1; EP0296212A4; EP0372070A4; US5133965A; GR1003359B; US6056944A; CN101787059A; US5505960A; US5411743A; US5269979A; US5478819A; EP0574255A1; SG81182A1; US6117857A; US5716639A; AU691250B2; CN1091591C; US2018055782A1; US11707436B2; US5741515A; AU698915B2; US5688528A; AU691248B2; CN1098681C; GB2217596A; FR2630327A1; AU691249B2; US6022561A; CN1083713C; EP0616799A1; US5585109A; US9980959B2; US10143652B2; WO9209268A1; WO9520944A1; WO9520943A1; WO9520945A1; WO9315718A1; WO2012016044A1; US10179143B2; WO2006131737A2; US11007161B1; US10561627B2; WO2013112780A1; US10596117B1; US10736880B2; WO0038681A1; US7659310B2; US8591942B2; US9402812B2; US9655846B2; US7687458B2; US7345093B2; WO2012016048A1; US9144575B2; US9855287B2; US10632133B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0249561 A2 19871216; EP 0249561 A3 19881026; EP 0249561 B1 19920513; CA 1320130 C 19930713; DE 3778972 D1 19920617; ES 2036593 T3 19930601; GR 3004723 T3 19930428

DOCDB simple family (application)

EP 87401327 A 19870612; CA 539517 A 19870612; DE 3778972 T 19870612; ES 87401327 T 19870612; GR 920401067 T 19920526